

MAY 27 2005 RIC

● PRINTER RUSH ●
(PTO ASSISTANCE)

HC
Patent

Application : 09/889520 Examiner : DAVIS, D GAU : 1641

From: JF

Location: IDC FMF FDC

Date: 5/13/05

Tracking #: _____ Week Date: _____

Attn: Chief Draftsperson

| DOC CODE | DOC DATE | MISCELLANEOUS |
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| <input type="checkbox"/> 1449 | | <input type="checkbox"/> Continuing Data |
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| <input type="checkbox"/> CLM | | <input type="checkbox"/> Document Legibility |
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| <input type="checkbox"/> SRFW | | <input type="checkbox"/> Other |
| <input checked="" type="checkbox"/> DRW | <u>12-10-01</u> | |
| <input type="checkbox"/> OATH | | |
| <input type="checkbox"/> 312 | | |
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[RUSH] MESSAGE: Drawings: the word Fig does not appear on any of the drawings dated (12-10-01)

Please provide proper Fig labels

Please Resolve
Thank you

CP

[XRUSH] RESPONSE: 05/27/05
CORRECTED BY SON LAM

INITIALS:

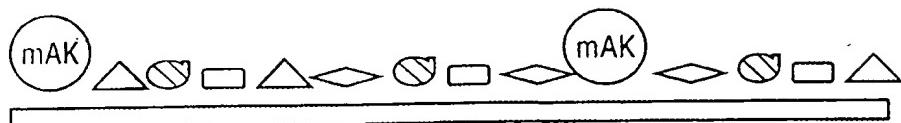
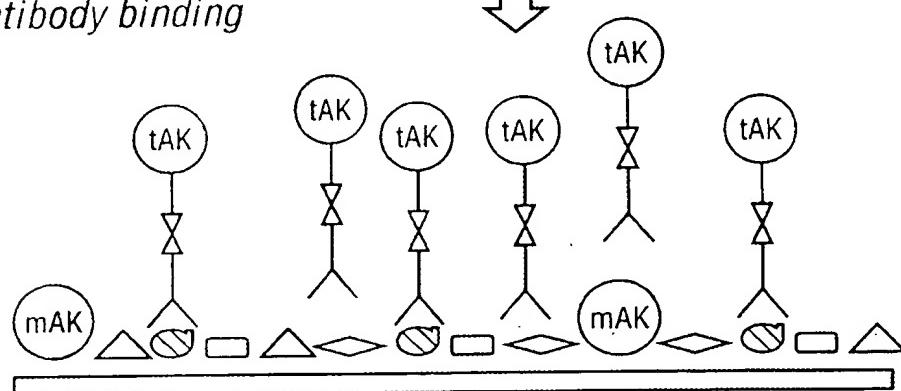
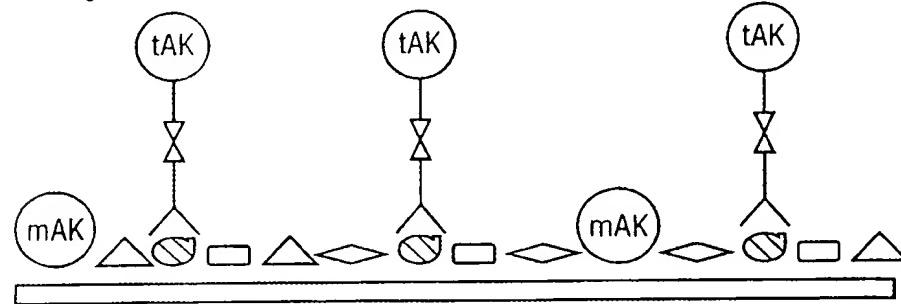
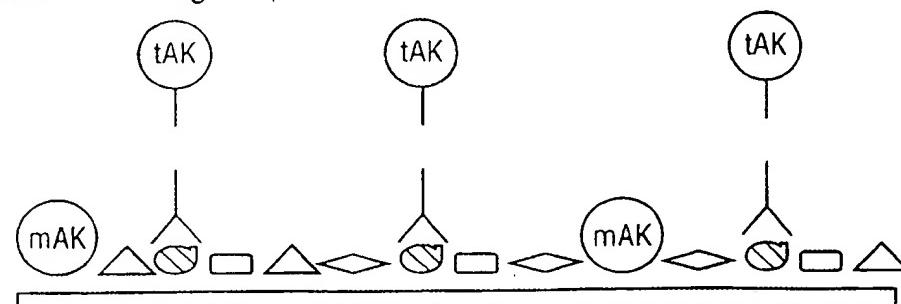
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REV 10/04

09/889520

Appl. No. 09/889,520
 Dkt. No. 1581.0810000/RWE
 Inventors: Raven *et al.*
 Tel: 202/371-2600
 Title: Assay with Reduced Background

1/4

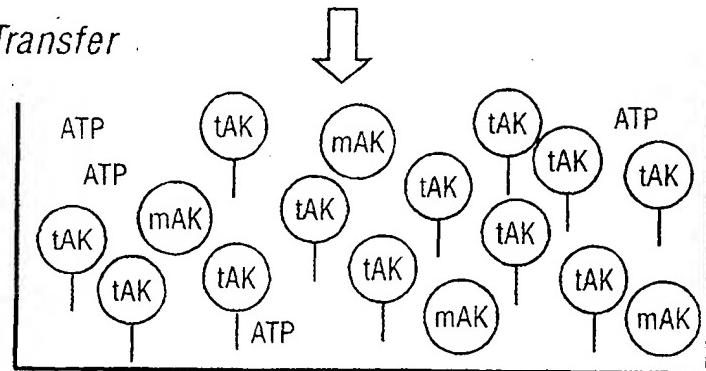
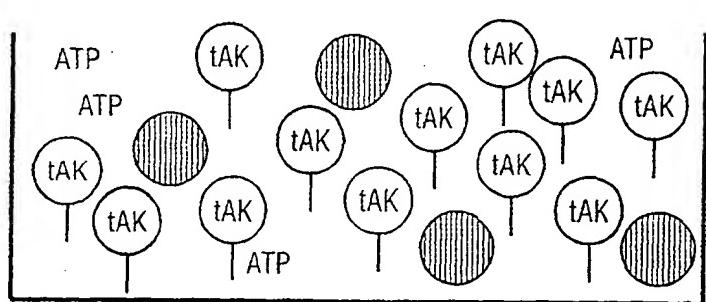
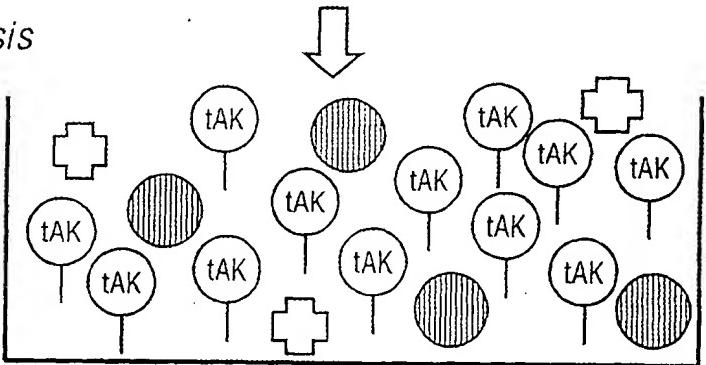
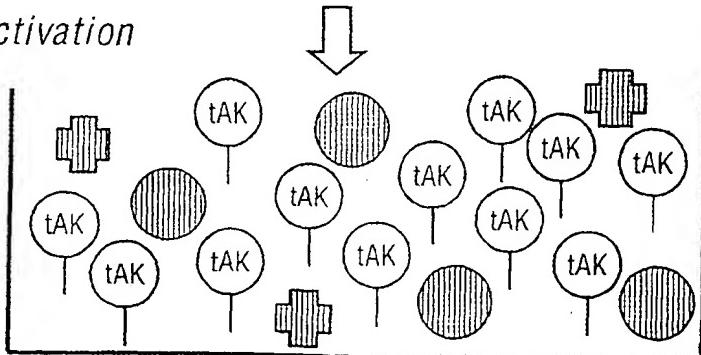
FIG. 1 Prion ELISA - 1*1. Blocking**2. Antibody binding**3. Washing**4. Linker cleavage*

DRAFT - DO NOT CITE

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2/4

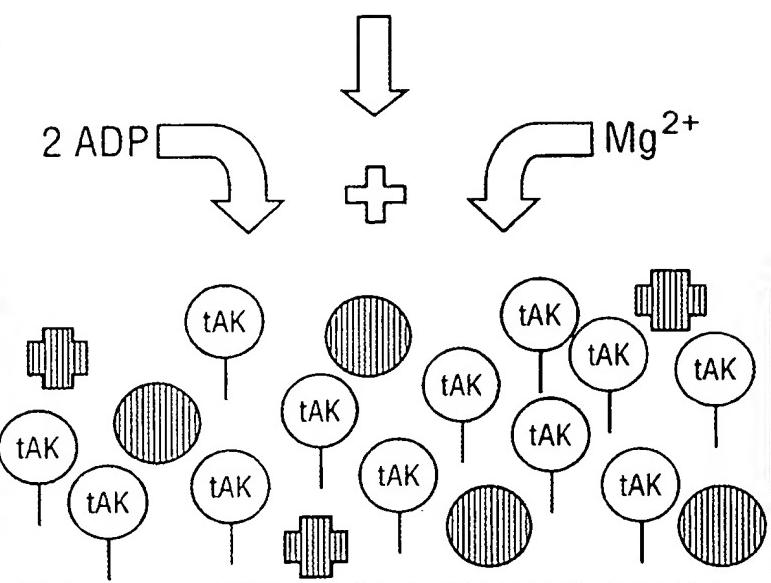
FIG. 2 Prion ELISA - 2*5. Recovery / Transfer**6. Thermal Inactivation**7. ATP Hydrolysis**8. Thermal Inactivation*

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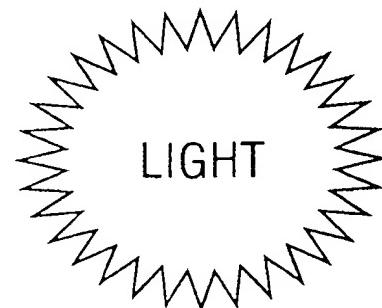
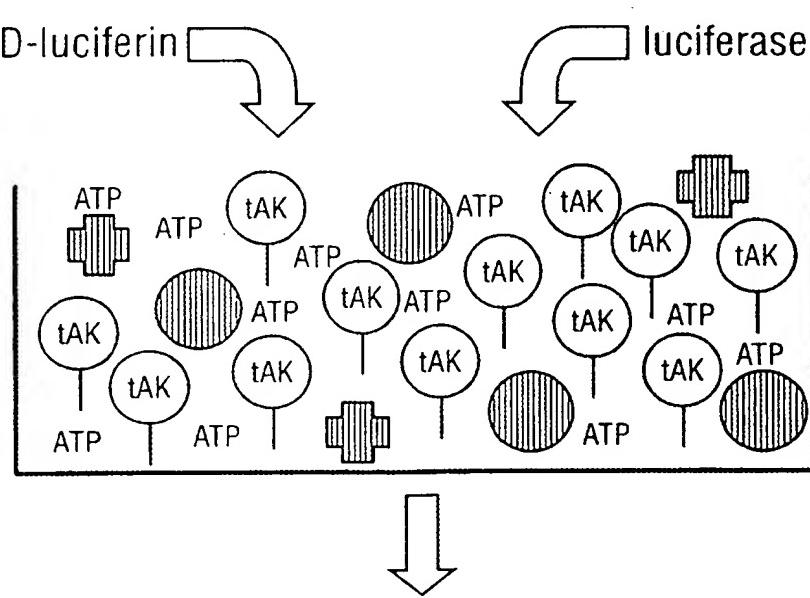
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3/4
FIG. 3 Prion ELISA - 3

9. ATP Generation



10. ATP Bioluminescence



09/889520 - 3

09/889520

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4/4

FIG. 4 Key to Prion ELISA

- mesophilic adenylate kinase



- prion protein



- miscellaneous cellular materials



- thermostable adenylate kinase



- cleavable linker



- antibody



- antibody - thermostable adenylate kinase conjugate



- adenosine 5'-triphosphate



- apyrase / adenosine deaminase



- thermally inactivated enzymes

09/889520-1221001